

CITY DISTRICT



OF CAERPHILLY

Public Health Department

# ANNUAL REPORT

1951

W. R. NASH

M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health

PRINTED BY ORDER OF THE SANITARY AUTHORITY



CAERPHILLY URBAN DISTRICT COUNCIL.

*With the Medical Officer's  
Compliments.*

COUNCIL OFFICES,  
CAERPHILLY.



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Vice-Chairman :  
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 „ T. Jenkins.  
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 „ R. E. Howells.  
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## PUBLIC HEALTH STAFF.

#### Medical Officer of Health :

W. R. NASH, M.R.C.S., L.R.C.P., D.P.H.

#### Deputy Medical Officer :

J S. BRIGGS, M.B.

#### Sanitary Inspectors :

A.B. W. LLOYD JONES.  
 A.B. W. R. LIDDINGTON.

#### Clerical Staff :

D. E. JONES

#### Rodent Operator :

Mr. G. SIMMONDS.

- A. Sanitary Inspector's Certificate.
- B. Meat and Food Inspector's Certificate.



# Caerphilly Urban District Council.

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## Annual Report of the Medical Officer of Health.

Public Health Department,  
Council Offices,  
CAERPHILLY.

To the Chairman and Members of the  
Caerphilly Urban District Council.

LADIES and GENTLEMEN,

In accordance with the instructions of the Ministry of Health, I herewith beg to submit my Annual Report for the year 1951.

As judged by the vital statistics, the health of the community is generally as good as can possibly be expected.

The number of notifiable diseases, excluding whooping cough and measles, was 85, whilst the latter accounted for 550 notified. The notifications of tuberculosis of all kinds numbered 51 for this year, with 15 deaths from pulmonary tuberculosis. The birthrate remained consistently high at 21.14 per thousand population, and the death rate also low at 12.95 per thousand population. As will be seen from the table later on in this report, this compares with a birth rate of 16.69 and death rate of 14.45 for all urban districts in the country.

The infantile mortality rate for the Urban Area of Caerphilly shows a reduction to 45 per thousand live births. The figures for the Administrative County is 36.92 and for England and Wales 29.60. The comparable neo-natal rate, i.e. for children under four weeks 22.94 per thousand live births for the County and 18.80 for England and Wales as a whole.

# GLAMORGAN (ADMINISTRATIVE COUNTY)—VITAL STATISTICS, 1951.

	Estimated Population 1951	BIRTHS		DEATHS		INFANT Deaths 1 year	MORTALITY		NEO NATAL MORT.	
		Number of Births	Rate per 1,000 Population	Number of Deaths	Rate per 1,000 Population		Rate per 1,000 Live Births	Deaths under 4 weeks	Rate per 1,000 Live Births	Rate per 1,000 Live Births
England and Wales ...	...	...	15.50	...	12.50	...	29.60	...	18.80	...
Administrative County ...	732,100	11,946	16.32	10,091	13.78	441	36.92	274	22.94	...
Urban Districts ...	531,900	8,877	16.69	7,687	14.45	350	39.43	219	24.67	...
Rural Districts ...	200,200	3,069	15.33	2,404	12.01	91	29.65	55	17.92	...
<b>Health Division. Constituent Dist.</b>										
Aberdare and Aberdare Urban ...	40,710	608	14.93	751	18.45	33	54.28	23	37.83	...
Mountain Ash Mountain Ash Urban	31,360	551	17.57	465	14.83	23	41.74	13	23.59	...
Caerphilly and Caerphilly Urban ...	35,380	748	21.14	458	12.95	27	36.10	18	24.06	...
Gelligaer Gelligaer Urban ...	36,110	631	17.47	482	13.35	18	28.53	11	17.43	...
Mid Glamorgan Bridgend Urban ...	13,530	227	16.78	162	11.97	8	35.24	4	17.62	...
Maesteg Urban ...	23,010	476	20.69	304	13.21	19	39.92	12	25.21	...
Ogmore & Garw Urban	22,480	356	15.84	313	13.92	9	25.28	4	11.24	...
Porthcawl Urban ...	9,388	131	13.95	164	17.47	1	7.63	—	—	...
Penybont Rural ...	33,820	564	16.68	359	10.62	25	44.33	17	30.14	...
Neath M.B. ...	31,850	454	14.25	445	13.97	22	48.46	17	37.44	...
Neath Rural ...	41,430	637	15.38	536	12.94	15	23.55	6	9.42	...
Pontypridd and Pontypridd Urban	38,460	661	17.19	575	14.95	26	39.33	14	21.18	...
Llantrisant Llantrisant Rural...	25,440	482	18.95	295	11.60	16	33.20	10	20.75	...
Port Talbot and Glyncorrwg Urban	9,343	220	23.55	122	13.06	9	40.91	7	31.82	...
Glyncorrwg Port Talbot M.B....	43,970	719	16.35	545	12.39	22	30.60	12	16.69	...
South East Barry M.B....	40,700	702	17.25	478	11.74	24	34.19	15	21.37	...
Glamorgan Cardiff Rural ...	35,730	454	12.71	457	12.79	8	17.62	5	11.01	...
Cowbridge M.B. ...	1,069	14	13.10	13	12.16	1	71.43	1	71.43	...
Cowbridge Rural ...	19,850	303	15.26	148	7.46	9	29.70	8	26.40	...
Penarth Urban ...	18,310	300	16.38	263	14.36	8	26.67	5	16.67	...
WestGlamorgan Gower Rural ...	11,590	201	17.34	151	13.03	5	24.88	2	9.95	...
Llchwyr Urban ...	25,530	375	14.69	379	14.85	12	32.00	9	24.00	...
Pontardawe Rural...	32,340	428	13.23	458	14.16	13	30.37	7	16.36	...
Rhondda Rhondda Urban ...	110,700	1,704	15.39	1,768	15.97	88	51.64	54	31.69	...

Public Health Department,  
County Hall, Cardiff.  
18th June, 1952.

## SUMMARY OF GENERAL AND VITAL STATISTICS.

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Area (Land) .....	12,931 Acres
Population (Census 1931) .....	35,760
Population Estimated mid-1951 .....	35,380
Number of Houses erected in 1951 .....	152
(35 Aluminium Bungalows, 12 Cornish Houses, Woolaway 59, 15 Private Enterprise, 32 Traditional Brick).	
Total Number of Inhabited Houses .....	8,855
Estimated Number of Persons per occupied house .....	4.0
Rateable Value .....	£119,008
Estimated Product of 1d. Rate .....	£445
Live Births (Registered) .....	748
Birth Rate per 1,000 .....	21.14
Deaths.....	458
Death Rate per 1,000 .....	12.95
Excess of Births over Deaths .....	290
Deaths under 1 year .....	27
Rate per 1,000 Live Births .....	36.10

## DEATHS FROM VARIOUS CAUSES.

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		Males.	Females.	Total.
Typhoid and Parat. Fevers	....	—	—	—
Tuberculosis, Respiratory	....	5	6	11
Tuberculosis, Other	....	4	—	4
Syphilitic Disease	....	1	—	1
Diphtheria	....	—	—	—
Whooping Cough	....	—	—	—
Meningococcal Infections	....	—	—	—
Acute Poliomyelitis	....	—	—	—
Measles	....	—	1	1

Other Infective and Parasitic Diseases ....	—	—	—
Malignant Neoplasm, Stomach....	12	2	14
Malignant Neoplasm, Lung, Bronchus	4	—	4
Malignant Neoplasm, Breast ....	—	5	5
Malignant Neoplasm, Uterus ....	—	7	7
Other Malignant and Lymphatic Neoplasms ....	18	14	32
Leukaemia, Aleukaemia ....	—	—	—
Diabetes ....	—	3	3
Vascular Lesions of Nervous System ....	22	25	47
Coronary Disease Angina ....	20	6	26
Hypertension with Heart Disease	4	3	7
Other Heart Disease ....	44	34	78
Other Circulatory Disease ....	5	4	9
Influenza ....	8	8	16
Pneumonia ....	8	10	18
Bronchitis ....	31	3	34
Other Diseases of Respiratory System ....	11	2	13
Ulcer of Stomach and Duodenum	—	1	1
Gastritis, Enteritis and Diarrhoea	3	3	6
Hyperplasia of Prostate ....	3	—	3
Nephritis and Nephrosis ....	3	3	6
Pregnancy, Childbirth, Abortion	—	1	1
Congenital Malformations ....	7	—	7
Other Defined and Ill-defined Diseases ....	41	45	86
Motor Vehicle Accidents ....	1	4	5
All Other Accidents ....	8	6	14
Suicide ....	1	1	2
Homicide and Operations of War	—	—	—
All Causes ....	264	194	458



## GENERAL HEALTH SERVICES.

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### LABORATORY FACILITIES

Laboratory facilities are available at the City and County Laboratories, Cardiff, the Pathological Department, Cardiff Royal Infirmary, and the Blood Transfusion Laboratories at Newport Road, Cardiff. All examination of throat swabs, faecal and urine specimens, cerebro-spinal fluid, were carried out at the City and County Laboratory. In addition, 18 water samples were submitted for bacteriological and chemical analysis, 15 ice cream samples, together with samples from the Nelson Sewerage Works effluent. Of the milk samples, 26 were submitted for general examination, and 26 samples for the presence of tubercle bacilli and in no case was tubercle bacilli found during the year.

### WATER SUPPLY

The water supply for the Rhymney Valley portion of the area, the Aber Valley and Nelson, is supplied by the Rhymney Valley Water Board, which is a constituent authority of the Taff Fechan. The Taffs Well Ward is supplied by the Pontypridd Joint Water Board.

The quality of the water is satisfactory over a large part of the area and is under bacteriological control.

There are no plumbo-solvent waters in the area.

### RIVERS and STREAMS.

The Rivers and Streams still remain polluted owing to the activities of colliery washeries.

In addition to polluted streams is the brook at Oxford Street, Nantgarw. This has been very heavily polluted by, seemingly, the Nantgarw Coke Ovens.

The following analysis will show how heavy is the pollution at this point:

"Sulphides (as H <sub>2</sub> S)	....	....	....	4.0
Tar acids	....	....	....	5.0
Sulphocyanides (as CNS)	....	....	....	8.0

Unsatisfactory—The sample contains excessive amounts of sulphides and tar acids.”

Houses are within 30-ft. of this stream and there are times when living becomes very difficult under these circumstances, as the living rooms open directly on the street.

### SWIMMING POOLS.

There are two Swimming Pools in the Area used extensively by the public and school children, namely, Swimming Pool at the Morgan Jones Park, Caerphilly, and the Llanbradach Swimming Pool which is privately owned.

The analysis both bacteriological and chemical have been invariably satisfactory except for one instance, which is referred to later. Any minor alterations in chlorination have been carried out at both Pools on the suggestion of your Inspectors.

During the year under review, the Swimming Pool in the Morgan Jones Park became covered with masses of larvae. These were proved to be the earlier condition of the midge fly. Advice from the Public Health Laboratory was sought and on carrying out their instructions, the nuisance was abated.

### ICE CREAM.

Your Sanitary Inspectors have given much time to the urgent question of ice cream production so that healthy products may be sold to the public. The Ice Cream (Heat Treatment, etc.) Regulations, 1947, were partly implemented in May, 1948, but with the greatest attention to cooling, pasteurisation and general production the following were the results of the 15 samples submitted for examination:—

- 2 Unsatisfactory.
- 1 Very unsatisfactory.
- 2 Fair.
- 10 Satisfactory.

so that a high proportion of the samples submitted were really not fit products to be sold to the public. A register is kept of producers and retailers, and there is 1 of the former and 65 of the latter in the area, one of which is a wholesale manufacturer.

## DRAINAGE and SEWERAGE.

The Rhymney Valley Sewerage Board and the Pontypridd and Rhondda Sewerage Board provide means for collection and disposal of sewage, except at Nelson, where it is dealt with by the Council Sewage Works.

### DRAINAGE & SEWERAGE—PONTYGWINDY—PWLLYPANT

The ten houses between Pontygwindy and Pwllypant were converted from cesspools and connected to the sewer.

## GENERAL SANITATION.

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### CESSPITS and CLOSET ACCOMMODATION.

During the year 14 cesspools were cleansed and disinfected at a cost of £38. The work was carried out by contract and was satisfactory.

### PUBLIC CLEANSING.

The scavenging of the area, with the exception of Taffs Well, and Cwmheldeg was done by direct labour. However, the Council are prepared to undertake the cleansing of the Taffs Well area by direct labour as from April, 1952.

## SANITARY INSPECTION OF THE AREA.

### NUISANCES and REPAIRS to PROPERTY.

Intimation Notices	....	....	....	....	....	....	266
Abatement Notices	....	....	....	....	....	....	61
Uncomplied Notices	....	....	....	....	....	....	74
Provision of sufficient water supply	....	....	....	....	....	....	6
Police Court proceedings. Public Health Act, 1936.							
Section 92 and 93	....	....	....	....	....	....	4



## HOUSING ACT, 1946.

During the year a Closing Notice was served on the owner of No. 9 Glen View, Llanbradach, and then withdrawn, whilst further Closing Notices were served on property owners in Thomas Street and King Street, Abertridwr.

## NATIONAL ASSISTANCE ACT, 1948 (SECTION 47).

Every effort has been made to implement the provisions of the above Act as it affects this Local Authority. Unfortunately, there is no institutional provision for the admission of those persons in need of care and attention, but who are not sick, and by arrangement in the old days, after some difficulty, it would be possible to get such cases into Pontypridd Hospital. During this year, it has been found almost impossible to obtain institutional accommodation for such persons.

Difficulties occurred in Abertridwr, in removing a person, which required most intensive efforts to remove on grounds of hygiene and ascetic standards and was admitted to St. James' Hospital, Tredegar, and was there attended to in such a way that after discharge it appears there has been no further trouble.

**TEMPORARY DWELLINGS.**

Visited during the year	....	....	....	110
Demolished	....	....	....	1
Vacant at the end of the year	....	....	....	—
Total number remaining at end of year	....	....	....	74

## MILK SUPPLY.

MILK (SPECIAL DESIGNATIONS) PASTEURISED and  
STERILIZED MILK REGULATIONS, 1949.

Licences issued during the year as follows:—

Dealers' licenced for sale of Pasteurised Milk	....	9
Dealers' licenced for sale of Accredited Milk	....	Nil
Dealers' licenced for sale of Tuberculin Tested Milk	....	6
Licences in respect of bottling establishments	....	Nil

The number of samples taken during the year was 26 by your Sanitary Inspectors. 26 Samples were taken to the County Laboratory, and all were free from tuberculosis.

Of 26 Samples :

26 Satisfactory.

— Unsatisfactory.

26 Free from Tuberculosis.

### MILK SUPPLY.

An unfortunate practice has arisen of the milk purveyors and wholesalers dumping their crates and empty bottles on the forecourts of premises and open spaces. The practice is to be deplored, and the offenders having been warned, have found covered premises or dairies.

### FOOD.

Efforts were made during the year to see that all food premises had a water supply and this has now, more or less, become an accomplished fact.

A further cause for concern was the free entry of dogs into food premises. The Health, Sewage and Cemeteries Committee, authorised the issue of cards warning the public about taking dogs into food premises where such foods as rice, potatoes, etc., were easily contaminated.

### INSPECTION OF PUBLIC HOUSES.

Despite efforts made in the previous year, still 4 public houses are without hot water, and sanitary accommodation is deficient in several more. Efforts are being made to remedy this.

### CATERING.

Of the 47 premises, 11 have catering licences and in all these places inspections were made of the cooking arrangements, food stores and washing facilities. All were found to be satisfactory.

### SANITARY ACCOMMODATION.

The number of public houses satisfactory in all respects was 40.

Insufficient or unsatisfactory urinal accommodation . .	2
Insufficient accommodation for Males ....	1
Insufficient accommodation for Females ....	1

In all cases, members of the staff used the private accommodation of the licensee and his family.

In no case did we find receptacles provided for soiled linen, and in our opinion, these should be provided.

## INSPECTION OF MEAT AND OTHER FOODS.

There are no licensed slaughtermen in the area. Meat is now imported from neighbouring areas.

The following Meat and other Foods were condemned during the year:

### CONDEMNED.

Home Killed Beef	...	...	...	...	539 lbs.
Imported Beef	...	...	...	...	100 lbs.
Heads and Offals	...	...	...	...	96 lbs.
Carcase and Organs of a Pig	...	...	...	...	14 score
1 Pig's Head.					
Pork	...	...	...	...	18½ lbs.
Chicken	...	...	...	...	7 lbs.
Canned Meat	...	...	...	...	82 tins.
Canned Cooked Ham	...	...	...	...	358 lbs.
Bacon	...	...	...	...	59 lbs.
Fish Cakes	...	...	...	...	24
Beef Suet	...	...	...	...	21 pkts.
Butter	...	...	...	...	114 lbs.
Cheese	...	...	...	...	29 lbs.
Canned Tomatoes	...	...	...	...	242 tins.
Canned Milk	...	...	...	...	95 tins.
Canned Fruit	...	...	...	...	62 tins.
Prunes	...	...	...	...	11 lbs.
Beans and Peas	...	...	...	...	35 tins.
Cake Flour	...	...	...	...	86 pkts.
Sponge Mixture	...	...	...	...	45 pkts.
Sauce	...	...	...	...	24 bottles.
Caraway Seed	...	...	...	...	8 lbs.

## CARCASSES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves.	Sheep and Lambs	Pigs
Number killed (if known)					102
Number inspected ... ..					56
All diseases except Tuberculosis:					
Whole carcasses con- demned ... ..		1			Nil
Carcases of which some part or organ was condemned ... ..					1
Percentage of the num- ber inspected affec- ted with disease other than tubercu- losis ... ..					1.8
Tuberculosis only:					
Whole carcasses con- demned ... ..					1
Carcases of which some part or organ was condemned ... ..					1
Percentage of the num- ber inspected affec- ted with tuberculosis					1

## ANTHRAX.

A case of Anthrax was notified at Rhiwddar Farm, Taffs Well, on the 16th November, 1951, and confirmed the same day. The affected animal, a cow of three years, died within an hour of the first symptoms being noticed. Fortunately, this animal, being dry at the time, was isolated away from the rest of the herd.

Every precaution was taken in carrying out the terms of the Anthrax Order. The Police, under the supervision of Supt. A. Morris, were early on the scene.

A large fire was prepared in an adjoining field, consisting of a ton of coal and a half ton of firewood. A grid was prepared over the fire and the carcase disposed of. The shed the animal had occupied, together with the field and the farmyard, were well treated with chloride of lime. No other case had since been reported.



## RODENT CONTROL.

During the year treatments were carried out as follows.—

Private dwellings	....	....	....	....	270
Business premises	....	....	....	....	34
Local Authority Premises	....	....	....	....	18
All Council sewers	....	....	....	....	10%

Ten per cent. of the 504 manholes on the sewerage system were treated twice during the year and on the last occasion evidence of rats was found in 10 only.

Any infestations found were treated in accordance with the methods laid down by the Ministry of Agriculture and Fisheries.

## PREVENTION OF INFECTIOUS DISEASE.

### DIPHTHERIA.

No cases of diphtheria occurred during the year.

### SCARLET FEVER.

The number of cases of scarlet fever showed an increase to 31. <sup>all but</sup> 1 case was ~~not~~ <sup>nursed</sup> at home.

### MEASLES.

An epidemic of measles occurred in the Abertridwr, Caerphilly and Nelson areas. Fortunately, the disease was not of a severe nature and consequently, the complications which so often cause death, such as broncho-pneumonia, were rarely seen.

## NOTIFIABLE DISEASES (Except TUBERCULOSIS).

Disease according to notification				Cases Notified	Admitted Isolation Hospital	No. of Deaths
Smallpox	....	....	....	—	—	—
Scarlet Fever	....	....	....	31	1	—
Diphtheria	....	....	....	12	11	—
Typhoid and Para Typhoid	....			1	1	—
Pneumonia, Acute Primary and Influenza	....	....	....	43	5	18
Meningococcal Infection	....			4	5	—
Ophthalmia Neonatorum	....			1	1	—
Erysipelas	....	....	...	2	1	—
Dysentery	....	....	....	—	—	—
Puerperal Pyrexia	....	....		3	3	—
Measles	....	....	....	458	17	1
Whooping Cough	....	....		92	5	—
Chicken Pox	....	....	....	2	2	—
Acute Poliomyelitis	....	....		2	2	—
Pemphigus Neonatorum	....			1	1	—
Erythema Nodosum	....	....		—	—	—

**SCARLET FEVER, DIPHTHERIA AND CEREBRO-SPINAL  
NOTIFIED DURING THE PAST 26 YEARS.**

Year	Scarlet Fever		Diphtheria		Cerebro-Spinal Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
1926	12	1	79	2	1	Nil
1927	35	Nil	152	6	1	Nil
1928	69	Nil	76	6	Nil	Nil
1929	150	1	135	3	Nil	Nil
1930	132	Nil	164	8	Nil	Nil
1931	56	Nil	33	1	Nil	Nil
1932	111	Nil	70	8	Nil	Nil
1933	255	Nil	159	3	Nil	Nil
1934	195	1	167	7	Nil	Nil
1935	73	Nil	174	12	Nil	Nil
1936	49	Nil	122	19	1	1
1937	205	Nil	68	1	1	1
1938	268	1	65	1	2	2
1939	195	Nil	20	3	4	3
1940	109	Nil	130	6	26	7
1941	32	Nil	104	8	17	4
1942	58	Nil	70	9	4	2
1943	68	Nil	73	1	6	3
1944	156	1	86	2	7	Nil
1945	92	Nil	40	Nil	2	Nil
1946	67	Nil	43	2	2	Nil
1947	77	Nil	21	Nil	5	Nil
1948	144	Nil	25	Nil	1	Nil
1949	40	Nil	10†	Nil	1	Nil
1950	30	Nil	11†	Nil	3	Nil
1951	31	Nil	12†	Nil	4	Nil

†Actual number of cases confirmed as Diphtheria .... Nil

Actual number of cases confirmed as Cerebro-Spinal Fever 2



## TUBERCULOSIS.

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During the year it is most gratifying to report that although the population has increased, the deaths from pulmonary tuberculosis are the lowest since records have been kept. The numbers are, 11 from respiratory tuberculosis and 4 from other forms. The corresponding death rates are .310 and .056 per thousand of population.

The visits of the Mass Radiography Unit to schools and factories have again produced excellent results in either clearing a group or finding cases in the early stages when treatment can be instituted with great hopes of complete success.

In addition, the School Medical Service has undertaken the testing of school populations by Mantoux testing whenever cases have occurred amongst such populations to warrant this. The results have been quite satisfactory and I quote a final paragraph reporting the conclusion of the investigation made into the Caerphilly Senior Schools by the Divisional Medical Officer:—

“Conclusion—The investigation reveals the healthy state of pupils and staff. The Mantoux tests gave an unexpected result in that the highest percentage of positive reactors appeared in the lowest age group. This percentage, although rather high, was not beyond the limit of normal expectation.”

I append a table of tuberculosis mortality supplied by the Welsh Regional Hospital Board:—

# DEATHS FROM TUBERCULOSIS, BY SEX, IN WALES AND MONMOUTHSHIRE,

1951.

(Provisional Figures).

Area.	Respiratory System		Other Forms	
	M.	F.	M.	F.
Cardiff ....	62	43	4	8
Merthyr ....	12	10	3	4
Swansea ....	42	17	5	9
Newport ....	27	13	1	3
Anglesey.				
Urban and Rural Districts	9	5	1	2
Brecon.				
Urban and Rural Districts	7	11	4	4
Caernarvon.				
Urban and Rural Districts	47	15	3	3
Cardigan.				
Urban and Rural Districts	10	8	2	3
Carmarthen.				
Urban and Rural Districts	38	21	10	6
Denbigh.				
Urban and Rural Districts	15	21	2	3
Flint.				
Urban and Rural Districts	47	12	6	1
Glamorgan.				
Urban and Rural Districts	169	111	24	24
Merioneth.				
Urban and Rural Districts	16	2	2	0
Monmouth.				
Urban and Rural Districts	61	24	8	7
Montgomery.				
Urban and Rural Districts	12	4	1	1
Pembroke.				
Urban and Rural Districts	15	11	5	4
Radnor.				
Urban and Rural Districts	4	1	1	0

## TUBERCULOSIS.

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The following table shows the number of new cases and mortality from tuberculosis during 1951:—

Age Period	New Cases				Deaths			
	Respiratory		Non- Respiratory		Respiratory		Non- Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	3	—	—	1	—	—	1	—
5	—	2	2	1	—	—	1	—
15	4	14	—	1	—	2	—	—
25	6	7	—	—	—	—	—	—
35	—	4	—	—	—	3	1	—
45	2	—	—	—	3	—	—	—
55	—	—	—	—	1	—	1	—
65	2	1	—	—	1	1	—	—
	17	28	2	3	5	6	4	—

# TUBERCULOSIS DEATH RATE.

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Year	Estimated Population	Deaths from Pul. T.B.	Deaths From Non-Pul.	Total	Phthisis Death Rate	T.B. (all forms rate).
1951	35,380	11	4	15	.310	.423
1950	34,600	14	2	16	.404	.462
1949	34,430	26	0	26	.755	.755
1948	32,680	15	5	20	.445	.593
1947	32,260	21	3	24	.743	.834
1946	32,240	14	1	15	.434	.465
1945	32,160	16	2	18	.497	.559
1944	32,540	13	7	20	.399	.614
1943	32,920	23	7	30	.698	.911
1942	—	21	3	24	—	—
1941	33,920	26	3	29	.765	.853
1940	31,630	25	9	34	.795	1.142
1939	31,990	23	7	30	.713	.938
1938	32,180	19	6	25	.594	.781
1937	32,570	26	5	28	.291	.859
1936	33,370	22	4	26	.659	.779
1935	34,150	25	4	29	.756	.846
1934	34,612	31	10	41	.895	1.183
1933	35,000	30	11	41	.857	1.171
1932	35,270	29	7	36	.822	1.021
1931	36,120	22	9	31	.609	.856
1930	39,360	34	7	41	.863	1.041
1929	39,360	27	10	37	.687	.939
1928	39,380	46	4	50	1.164	1.260
1927	39,970	31	8	39	.750	1.026
1926	40,000	34	17	51	.850	1.275
1925	40,530	29	10	39	.715	.959
1924	39,850	34	11	45	.853	1.129
1923	39,000	27	10	37	.691	.949
1922	38,520	39	6	45	1.013	1.165
1921	37,630	26	9	35	.691	.932

# FACTORIES, WORKSHOPS AND WORKPLACES.

## 1. INSPECTIONS.

Premises (1)	Number on Register (2)	inspections (3)	Number of Written notices (4)	Occupiers prosecuted (5)
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority ... ..	75	199	3	Nil
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority ... ..	83	92	1	Nil
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises) ... ..	Nil	Nil	Nil	Nil
Total ... ..	158	291	4	Nil

## 2 CASES IN WHICH DEFECTS WERE FOUND.

Particulars (1)	Number of cases in which defects were found.				Number of cases in which prosecutions instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (s.1) ...	2	2			Nil
Overcrowding (s.2) ... ..	—	—			
Unreasonable temperature (s.3)	—	—			
Inadequate ventilation (s.4) ...	—	—			
Ineffective drainage of floors (s.6)	—	—			
Sanitary Conveniences (s.7)					
(a) insufficient ... ..	4	—		3	
(b) Unsuitable or defective	—	—			
(c) Not separate for sexes...	—	—			
Other offences against the Act (not including offences relating to Outwork) ... ..	—				
Total ... ..	6	2		3	



# LIST OF FACTORIES AND INDUSTRIAL UNDERTAKINGS IN THE CAERPHILLY URBAN AREA.

Name.	Nature of Work carried on.
The Cardiff Lathe & Tool Works, Taffs Well        ....        ....        ....        ....	Engineering.
The National Coal Board, Tar Plant, Station Works, Caerphilly        ....        ....	Tar Distillers.
The Wales Gas Board, St. Martin's Road, Caerphilly        ....        ....        ....        ....	Gasworks Repair Depot
Mr. R. Watkins & E. Hopkins, Aladdin Sheet Metal Works, Garth Works, Taffs Well        ....        ....        ....        ....	Metallic Compounds.
The South Wales Forgemasters, Garth Works, Taffs Well        ....        ....        ....	Engineering.
The Welsh Metal Industries, Caerphilly	Engineering.
B.O.A.C. Test Beds, Nantgarw        ....        ....	Test Beds.
Mrs. G. Stern, Flower Factory, Caerphilly	Artificial Flowers.
Mr. W. Ellis & Son, Rear of Bartlett Street, Caerphilly        ....        ....        ....	Printers.
Mrs. Ellis, Economic Press, 4 Clifton Street, Caerphilly        ....        ....        ....	Printers.
Mr. George, 6 High Street, Abertridwr....	Printers.
Messrs. Metalcraft Ltd., Pontygwindy Estate, Caerphilly        ....        ....        ....	Metal Works.
Messrs. Astoria Gloves, Ltd., Ponty- gwindy Estate, Caerphilly        ....        ....	Gloves.
Messrs. Osborne Bros., Pontygwindy Estate, Caerphilly        ....        ....        ....	Clothing.

The Stadium Ltd., Virginia Park, Caerphilly	....	....	....	....	....	Light Metal Engineering.
Messrs. Holbrough Bros., Pontygwindy Farm, Caerphilly	....	....	....	....	....	Engineering.
Messrs. Policraft Co., Pontygwindy Farm, Caerphilly	....	....	....	....	....	Engineering.
The Anderson Rubber Co., Virginia Hall, Caerphilly	....	....	....	....	....	Raincoats.
Mr. T. H. Pugh, Toy Works, 190 Bedwas Road	....	....	....	....	....	Toys.
Messrs. Rolfe Linx (Toys Ltd.), 245, Nantgarw Road, Caerphilly	....	....	....	....	....	Toys.
Messrs. Qualcraft, Small Metal Parts, Ltd., North View Terrace, Caerphilly	....	....	....	....	....	Light Engineering.
The Replacement Cleaners Ltd., Lucania Hall, Caerphilly	....	....	....	....	....	Laundry.
Mr. Ferandis, Old Palace Cinema, Caerphilly	....	....	....	....	....	Coachbuilding.
Messrs. J. H. Lee & Sons, Chain Works, High Street, Nelson	....	....	....	....	....	Chain Repairs.
The National Coal Board, Tredomen Works, Ystrad Mynach	....	....	....	....	....	Engineering.
Messrs. Gratton & Clarke, Old Bakehouse, rear Celyn Avenue, Caerphilly	....	....	....	....	....	Small Metal Works.
Messrs. Proctor Bros., Rear Bartlett Street, Caerphilly	....	....	....	....	....	Engineering.
Messrs. J. R. Paton Ltd., B.C.S. Garth Works, Taffs Well	....	....	....	....	....	Engineering.
Messrs. Concrete Products, Ltd., Austin Grange, Caerphilly	....	....	....	....	....	Concrete Products.
Messrs. Branton Ice Co., Old Lloyd's Bank, Caerphilly	....	....	....	....	....	Ice Cream.



Messrs. Atlas Diesel Co., 1 Cross Street, Abertridwr ....	Light Engineering.
Replacement Cleaners Ltd., Treforest Trading Estate ....	Laundry.
The Standard Telephones Ltd., Treforest Trading Estate ....	Telephones.
The Western Brush Co., Treforest Trad- ing Estate ....	Brushes.
Mr. W. Balchin, Mereno, Glanylllyn, Taffs Well ....	Woodwork.
Messrs. Morfed (South Wales Ltd.), 34/ 36 Commercial Street, Senghenydd ....	Small Metal Works.
Messrs. Riemer, Cove & Co., Gwern Ave., Senghenydd ....	Light Engineering Works.
Mr. Hy. J. Fleisher, 14/16 High Street, Llanbradach ....	Knitwear.
The Caerphilly Fellmongers Ltd., Bedwas Road, Caerphilly ....	Tanyard.
Messrs. G. E. Bolton & Sons, 18 Bedwas Road, Caerphilly ....	Botanical Brewery.
Messrs. Clarke & Sons, Van Road, Caerphilly ....	Botanical Brewery.
Mr. Snelling, Aberfawr Terrace, Aber- tridwr ....	Pasteurising Milk Plant

PART VIII OF THE ACT **OUTWORK.** (Sections 110 and 111).

## Section 110.

## Section 111.

Nature of Work	No. of out- workers in August list required by Sect. 110(1)(c)	No. of cases of default in sending lists to the Council	No. of prosecu- tions for failure to supply lists	No. of instances of unwhole- some premises	Notices served	prose- cutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Making, etc. ...	46	Nil	Nil	Nil	Nil	Nil
Wearing apparel						
Cleaning and washing ...	...					

**BYE-LAWS.**

The Council have the following Bye-Laws with respect to:—

The Cleansing of Footpaths and Pavements	....	....	....	....	7th November, 1894.
Nuisances	....	....	....	....	8th November, 1894.
Common Lodging Houses		....	....	....	8th November, 1894.
Slaughter Houses	....	....	....	....	8th November, 1894.
Offensive Trades	....	....	....	....	8th November, 1894.
Nuisances in connection with the Removal of Offensive or Noxious Matters					8th November, 1894.
Tents, Vans, etc.	....	....	....	....	16th July, 1907.
Cemeteries	....	....	....	....	27th January, 1930.
New Streets and Buildings		....	....	....	2nd April, 1930.
Sanitary and Cleanly Conditions in Handling, Wrapping and Delivery of Food	....	....	....	....	23rd April, 1951.

I have again to thank the entire staff for their help and co-operation and to record the help given me in the compilation of this Report by your Sanitary Inspectors.

I am,

Ladies and Gentlemen,

Your obedient Servant,

W. R. NASH,

Medical Officer of Health.

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ECONOMIC PRESS, CAERPHILLY













